

Supporting Information

CNT@rGO@MoCuSe Composite as an Efficient Counter Electrode for Quantum Dot Sensitized Solar Cells

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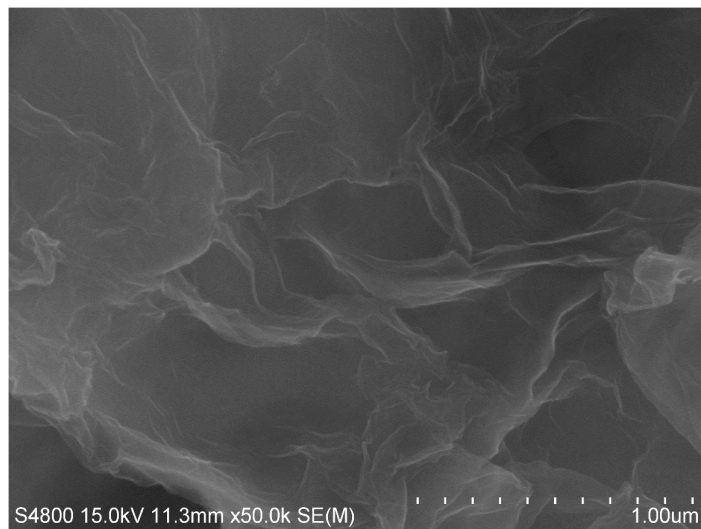


Figure S1. SEM image of the rGO

Table S1. QDSSC performance comparison with recent reports of composite counter electrodes.

Counter electrode	V _{OC} (V)	J _{SC} (mA cm ⁻²)	FF	η %	References
Mo ₂ N/CNT-RGO	0.68	16.93	0.47	5.41	<i>Adv. Energy Mater.</i> 2014, 4, 1300775
RGO-Cu ₂ S	0.526	15.08	0.44	3.49	<i>Adv. Energy Mater.</i> 2014, 4, 1301564
CoS NRA@GP	0.60	12.6	0.36	2.70	<i>J. Mater. Chem. A</i> 2014, 2, 13661
ITO@Cu ₂ S	0.688	15.23	0.58	6.12	<i>Nano Lett.</i> 2015, 15, 3088–3095
ITO@Cu ₂ S	0.540	14.31	0.52	4.06	<i>Nano Lett.</i> 2014, 14, 365
Cu _{1.18} S–GOR	0.626	20.55	0.53	6.81	<i>Nanoscale</i> 2016, 8, 10632
CNT/NiS	0.614	17.53	0.59	6.41	<i>Sci. Rep.</i> 2017, 7, 46519
Cdot-Au NR	0.708	16.6	0.46	5.40	<i>Carbon</i> 2016, 96, 139
CNT@rGO@MoCuSe	0.633	20.54	0.636	8.28	This Work